

# JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS

## Editorial Board

### Editors:

- S.C. Brenner, Louisiana State University, Department of Mathematics, Baton Rouge, LA 70803-4918, USA. Email: brenner@math.lsu.edu
- M.J. Goovaerts, Katholieke Universiteit Leuven, Centrum voor Verzekerings-wetenschap, Naamsestraat 69, B-3001 Leuven, Belgium. Email: Marc.Goovaerts@econ.kuleuven.ac.be
- T. Mitsui, Nagoya University, Graduate School of Information Science, Nagoya, 464-8601, Japan. Email: tom.mitsui@nagoya-u.jp
- M. Ng, Hong Kong Baptist University, Kowloon Tong, Hong Kong. Email: mng@math.hkbu.edu.hk
- B. Sommeijer, Centrum voor Wiskunde en Informatica, PO Box 94079, 1090 GB, Amsterdam, The Netherlands. Email: B.P.Sommeijer@cwi.nl
- L. Wuytack, University of Antwerp, Dept. of Mathematics & Computer Science, Middelheimlaan 1, B-2020 Antwerp, Belgium. Email: Luc.Wuytack@ua.ac.be

### Advisory Editors:

- Z.-Z. Bai, Chinese Academy of Sciences, Institute of Computational Mathematics, Beijing, China
- J. Dhaene, University of Leuven, Belgium
- Y. Kuang, Arizona State University, USA
- L. Romani, University of Milano-Bicocca, Italy
- M. Sugihara, Nagoya University, Japan
- R.S.C. Wong, City University of Hong Kong, Hong Kong

### Associate Editors:

- |  |   |
|--|---|
| C.T.H. Baker, <i>University of Manchester, UK</i>  | M.T. Nakao, <i>Kyushu University, Fukuoka, Japan</i>                                |
| C. Brezinski, <i>Université des Sciences et Technologies de Lille, Villeneuve d'Ascq Cedex, France</i> | J.T. Oden, <i>University of Texas, Austin, USA</i>                                  |
| L. Brugnano, <i>Università degli Studi, Firenze, Italy</i>   | N. Papamichael, <i>University of Cyprus, Nicosia, Cyprus</i>                        |
| A. Bultheel, <i>K.U. Leuven, Heverlee, Belgium</i>   | M. Perman, <i>University of Ljubljana, Slovenia</i>                                 |
| C.W. Gear, <i>NEC Research Institute, Princeton, NJ, USA</i>   | L. Reichel, <i>Kent State University, OH, USA</i>                                   |
| Ö Gebizlioglu, <i>Ankara University, Turkey</i>  | M.N. Spijker, <i>Rijksuniversiteit Leiden, The Netherlands</i>                      |
| M.H. Gutknecht, <i>Eidgenössische Technische Hochschule, Zürich, Switzerland</i>                       | M. Suri, <i>University of Maryland, Baltimore, MD, USA</i>                          |
| A. Hadjidimos, <i>Purdue University, West Lafayette, IN, USA</i>                                       | L.N. Trefethen, <i>Oxford University, UK</i>  |
| K. Hayami, <i>National Institute of Informatics, Tokyo, Japan</i>                                      | P.M. van Dooren, <i>Université Catholique de Louvain, Louvain la Neuve, Belgium</i> |
| L.Gr. Ixaru, <i>Institute of Physics and Nuclear Engineering, Bucharest, Romania</i>                   | G. Vanden Berghe, <i>University of Gent, Belgium</i>                                |
| A.Q.M. Khaliq, <i>Middle Tennessee State University, TN, USA</i>                                       | S. Vandewalle, <i>Katholieke Universiteit Leuven, Belgium</i>                       |
| A. Kunoht, <i>Universitaet Bonn, Germany</i>   | R.-H. Wang, <i>Dalian University of Technology, China</i>                           |
| T. Lyche, <i>University of Oslo, Norway</i>  | Q. Ye, <i>University of Kentucky, Lexington, USA</i>                                |
|  | X. Zou, <i>University of Western Ontario, Canada</i>                                |

### Aims and Scope

The *Journal of Computational and Applied Mathematics* publishes original papers of high scientific value in all areas of computational and applied mathematics. The main interest of the Journal is in papers that describe and analyse new computational techniques for solving scientific or engineering problems. In addition, the improved analysis, including the effectiveness and applicability, of existing methods and algorithms, is of importance.

Survey articles dealing with interactions between different fields of applied mathematics are welcome.

A 'Short Communications' has at most five journal pages.

The target audience comprises: applied mathematicians, numerical analysts, computational scientists and engineers.

**Advertising information:** Advertising orders and enquiries can be sent to: James Kenney, Commercial Sales Elsevier, 84 Theobald's Road, London WC1X 8RR, United Kingdom; Tel: +44 20 7611 4494; Fax: +44 20 7611 4463; e-mail: j.kenney@elsevier.com.

**USA mailing notice:** The *Journal of Computational and Applied Mathematics* (ISSN 0377-0427) is published semimonthly by Elsevier B.V. (P.O. Box 211, 1000 AE Amsterdam, The Netherlands). Annual subscription price in the USA US\$ 4727 (valid in North, Central and South America), including air speed delivery. Periodical postage rate paid at Rahway NJ and additional mailing offices.

**USA POSTMASTER:** Send change of address: *The Journal of Computational and Applied Mathematics*, Elsevier, Customer Service Department, 11830 Westline Industrial Drive, St. Louis, MO 63146, USA.

**AIRFREIGHT AND MAILING** in USA by Mercury International Limited, 365, Blair Road, Avenel, NJ 07001.